

## GOSSIP OF MOTORS, MOTORISTS AND MOTORING

"FLYING SQUADRON"  
ON WILLYS-KNIGHTS

"The Flying Squadron" of the United States Circus Corporation's "Million-Dollar" Motorized Circus will be mounted on Willys-Knight cars, made by the Willys-Overland Company, of Toledo, Ohio. This decision has been made by Frank P. Spellman, president of the big circus corporation, which will begin its tour in May, opening in Ohio.

The first order placed by President Spellman with the Willys-Overland Company represents fifteen cars, placed with the Toledo company after he had closely studied the records of express and taxicab companies which are using the Willys-Knight. The purchase includes five 1,300-pound delivery wagons, three big roadsters, and the remainder Willys-Knight four and six.

President Spellman will use two of the cars—one, a graceful touring sedan, equipped especially for his exclusive use while on the road, and the other will be fitted with a beautiful parade body and will head the motorized street parade each day.

With three exceptions, the remaining cars will be utilized entirely by the advance advertising and press department, composing what President Spellman has designated as "The Flying Squadron."

## Allen Expects Prosperity.

Here is what W. O. Allen, general manager of the Allen Motor Company, thinks of the prospects for this spring and summer:

"Look at Canada. She has sent to the front more men and raised more money in proportion to her population than we could possibly be called upon for in the next five years, even were the most ardent preparedness plans followed here. In spite of these great demands made upon Canada, she is today enjoying the most impressive material prosperity in her entire history. She is not only consuming more food and clothing and household goods than ever before, but she is buying more automobiles than in any former period. The same condition will obtain here in the United States if every man not engaged in actual war work sticks to his job and doesn't lay back and wait to see what is going to happen."

Phone W. 1265.

## FRANK HURST

Puncture Troubles Are a  
Thing of the Past

USE

"Puncture  
Punk"Office, 2626 Pa. Ave. N. W.  
Residence, 2633 L St. N. W.  
Washington, D. C.USED CAR SHOW  
FOR WASHINGTON

Many automobile dealers in Washington are suggesting that a used car show be held in Washington this spring.

In Chicago, Milwaukee, Montreal and other cities used car shows have attracted thousands of persons, who learned of the first time that they could buy used cars at exceptional values. At most of these shows all used cars in the hands of dealers were cleaned out, in most cases for straight cash.

The Western shows were held in large halls, with the cars arranged as in a new car show, and the preliminary advertising in many cases cleaned out the used cars of many dealers. These shows were held under the direction of trade associations.

In view of the probable scarcity of new and old cars in a month or two, owing to government control of supplies and the factories and freight congestion, it is believed that all the used cars in the hands of Washington dealers could be sold in several days, at higher prices than at anytime in the past.

## TRADE TALK.

A. Jensen, of the technical department, and E. F. Cullen and H. Ansley, of the commercial department of the Smith Form-A-Truck Company of Chicago, are now in Washington with the Record Auto Company on some special work.

A. E. Ungerer, president of the Ungerer Auto Company, left last night for Indianapolis to visit the Premier factory.

Wilmot W. Trew, of the Trew Motor Company, and eleven friends arrived in Washington Sunday night from Lansing, Michigan, bringing with them twelve Record Touring cars. The party made stops in Jackson, Cleveland, Youngstown and Greenburg. All cars came through the entire trip without mishap and are being made ready for delivery.

J. G. Bayertine, president of the Columbia Motors Company, of Detroit, was in Washington yesterday and called on the Barry-Lincoln Company, at Fourteenth and N streets in this territory.

W. S. Albee, a salesman for the Barry-Lincoln Company, delivered two Pullman and one Columbia car last week.

## Goodrich Offer.

The B. F. Goodrich Company has offered the services of its national touring bureau to the government. This not only includes all maps, road logs and other strategic information, but also embraces the use of their fleet of motor trucks and their crews, who have been erecting guide posts throughout the United States during the past several years. Like all of the other departments in this huge organization, the facilities of the national touring bureau have been so enlarged that the government can use it to the fullest extent, without interfering with its services to the American tourists who are rightfully entitled to the information which it has been giving out.

16-CENT FUEL WITH  
DUNTLEY GENERATOR

The new Duntley Hydro-Pneumatic Gas Generator that is expected to revolutionize motor fuel costs was tested in Washington yesterday. The generator was invented and patented by John W. Duntley, of the Chicago Pneumatic Tool Co., and it uses fuel that is one-half gasoline and one-half kerosene, or even a larger proportion of kerosene. It is now being built in the Gas Generator and it will also be used on pleasure cars. The generator is now being sold for Ford cars. Using half and half, the fuel cost is about 16 cents a gallon, kerosene being about 10 cents a gallon.

On a spin toward Baltimore yesterday a 2-ton Little Giant truck, in charge of T. R. Punnett, a factory expert who is here to demonstrate the new generator, averaged 15 miles on a gallon of the half-and-half fuel. The average truck, using pure gasoline, runs 7 or 8 miles on a gallon. The company claims that a gallon of the 16-cent fuel will carry a loaded 2-ton truck from 12 to 15 miles, and that, besides, there is no carbon deposit. The run started at the company's branch at 471 Missouri avenue, of which John A. Hamilton is manager. There is no smoke from the fuel. The motor operates on superheated hydrogen and carbon-monoxide gas of unknown chemical analysis. The mixture, however, is known beyond doubt to possess very high heat units, which increases the power of the motor from 10 per cent to 15 per cent, depending upon the condition of the motor.

No vaporized fuel enters the cylinders and, as a consequence, there is nothing to carbonize or to work past the piston rings and deteriorate the lubricating oil in the crank case.

The motor runs cooler and spark plugs maintain clean and bright firing points which rarely need attention unless a piston ring should break and allow lubricating oil to pass by and into the combustion chamber. The power of the motor is increased from the fact that this new gas does not suddenly explode, but burns and expands behind the piston for its full length of travel, or in other words, duplicates the action of steam.

It is impossible by any known method of maneuvering to make the motor miss, load up or produce labor pound, so common in motors using vaporized fuel prior to the advent of this hydro-pneumatic gas generator. The increased mileage to a gallon of fuel is due to the fact that a fine adjustment of the fuel needle valve is necessary, thus reducing the quantity of fuel vaporized through the carburetor. This fuel becomes superheated and the air automatically consumed to harmonize with motor speed becomes, through unique mechanical construction of the generator, a superheated dry steam. The carbon in the superheated fuel having an affinity for steam is instantly absorbed by the superheated steam, and the whole is transformed into high temperature hydrogen gas.

MOTION PICTURES TO  
REDUCE ACCIDENTS

The Ford Motor Company has found motion pictures a valuable aid in reducing the proportion of serious accidents in the big factory. The practical relation is best shown by the accident record, which shows a gradual reduction in the amount of time lost through injuries.

Through the co-operation of the Ford safety and photographic departments, a new safety film has just been completed, in which familiar factory scenes are used to show many of the more common accidents and how they can be avoided. Since a large part of injuries are the result of personal carelessness, special emphasis is placed on the need for care on the part of each man, although the value of mechanical safeguards is also shown.

Each afternoon several hundred workmen, selected from various departments, gather in the company's motion picture auditorium to witness the safety pictures. In addition, there is a reel of general interest, usually selected from the Ford Educational Weekly series, and a short talk on safety principles which apply to the work upon which the men present are engaged.

The pictures have aroused considerable interest, and men who have not seen them await their turn with eagerness. That the men who have seen the safety film take it to heart is seen in the constant reduction of accidents in proportion to the number of employees.

**Eliminating Punctures.**  
Puncture Punk, recent invention to prevent punctures in automobile and bicycle tires is being distributed by Frank Hurst, 2626 Pennsylvania avenue northwest. A recent test demonstrated the fact that nails do not penetrate the tire, and Mr. Hurst claims that the longer the tire is kept in use the more impregnable it becomes.

As there are at least 2,500,000 Italians resident in the United States, some American manufacturing firms are planning to cater more largely to the household and personal wants of this population. Extensive imports reaching in many million dollars annually are made for them, most of which might be produced in the United States.

NEW LIFE FOR  
RUN-DOWN TIRES.

SEND US TWO OLD TIRES AND WE'LL MAKE THEM INTO ONE GOOD ONE. SERVICEABLE FOR 4,000 MILES OF HARD TRAVEL.

We'll Pay 6c a Pound  
For Junk Tires.

RANSFELD 2-IN-1 TIRE CO., INC.  
1802 14th Street N. W.

## Price Can Fix It

Welding of all metals equal to new. Expert auto repairing. PRICES AUTO REPAIR SHOP, 1418 N. Capitol St. N. 578.

CLEAN-UP SALE OF OVER 100 BICYCLES AND motorcycles. MAKE YOUR OWN PRICE. Bicycle, motorcycle, and automobile accessories and supplies. We are also expert repairers of bicycles and motorcycles. Motorcycles, \$25 up; Bicycles, \$7.50 and up; Motorcycle Tires, \$4.50 up; Inner Tubes, \$1.50; Motorcycle Grips, \$1.50; 30x3 Tires, \$6.50; Tubes, \$1.50. MUNGER BROS., Union Bicycle, Motorcycle and Automobile Garage, 719 North Capitol st. Phone Line 307.

ANY SERVICE, ANY TIME, ANY place. Autos of any make and age repaired or rebuilt. Fords fixed while you wait. Storage. ROY ROY MACKAY, 513 10th st. ne. Lincoln 2380.

## HERALD'S BLUE LIST OF USED CARS

E. J. QUINN MOTOR CAR CO.,  
1113 14th St. N. W.

MITCHELL, 1916—7 passenger, newly painted, \$1,200.  
HUDSON, 1915—7 passenger, newly painted, \$1,200.  
CHALMERS, 1915—7 passenger; paint good as new, \$1,200.  
HAYNES, 1914—5 passenger, newly painted, \$1,200.  
CHEVROLET, 1916—5 passenger, \$1,200.  
OVERLAND, 1914—5 passenger, newly painted, new top, \$1,200.  
OVERLAND, 1912—5 passenger, \$1,200.

All these cars have been mechanically overhauled and are guaranteed as represented.

SELBY CO.,  
1805 14th St. North 3749.

PAIGE—1915; 7 pass.; in good mechanical condition, \$1,200.  
OVERLAND—1915; excellent condition; must be seen to be appreciated, \$1,200.  
CROW—1915—1916; good value; economical car; a real bargain; will sacrifice for \$1,200.  
PAIGE—1916; 7-pass. touring; will guarantee for 3 months; will sacrifice for \$1,200.

WOODRUFF MOTOR COMPANY,  
1333 14th St. North 1302.

STUDEBAKER—1914; 7-pass.; 4-cyl.; one-man top; perfect condition; self starter, \$1,200.  
MAXWELL—1914; touring; splendid condition, \$1,200.

PAIGE—1913; 4-cyl.; 5-pass.

CARTER—1913; 5-pass.; splendid condition; fully equipped; bargain, \$1,200.

MAX—5-pass.; electric lights, self starter, \$1,200.

MITCHELL—6-touring.

CARTER—Model 7; roadster; splendid mechanical condition, \$1,200.

AUBURN-PATHFINDER SALES CO.  
24th and M Sts. West 710.

OVERLAND—1915; 5-pass. touring; new top, new paint and thoroughly overhauled; good tires, \$1,200.  
AUBURN—1915; 5-pass. touring; first-class condition and good tires, \$1,200.  
AUBURN—1915; 2-pass. roadster; tires good; paint fair; good running condition, \$1,200.  
MARMON—1915; 5-pass. touring; good tires; good running condition; paint fair, \$1,200.

CROW MOTOR SALES CO.,  
1315 N. Y. Ave. Main 2409-10.

CHALMERS—1916; 7-pass. touring; in perfect condition, \$1,200.  
STUTZ—1914; roadster; perfect condition, \$1,200.  
HAYNES—1917; 7-pass. touring, \$1,200.  
LOZIER—1917; 6 Briercliff; perfect condition, \$1,200.  
STUDEBAKER—1914; 5-pass., \$1,200.  
CASE—1916; 7-pass. touring, \$1,200.  
COLE 6-7 pass., \$1,200.  
OAKLAND 6-5 pass., \$1,200.  
PAIGE—1915; 7-pass.; perfect condition; repainted, \$1,200.

STANDARD AUTO SERVICE CO.,  
320-322 Pa. Ave. M. 7732.

VIM TRUCK—with jitney body.  
HUDFORD TRUCK—one ton; good condition; has been used as demonstrator only.

THE COOK & STODDARD CO.,  
1138-40 Conn. Ave. North 7810-11.

USED cars of various makes. Condition guaranteed. Prices reasonable.

MILLER BROS.  
AUTO AND SUPPLY HOUSE,  
1119 14th St. Main 6097.

FORD—Roadster, \$1,200.  
FORD—Touring, \$1,200.  
DODGE—Roadster; electric lights and starter, \$1,200.  
MITCHELL—7-pass.; 1914; touring car; good tires; a real bargain; self starter and electric lights, \$1,200.  
APPELSON—Touring; electric light, self starter; tires practically new; mechanically perfect, \$1,200.

WENNER MOTOR SALES CO.,  
1612 14th St.

GRANT—1917; roadster; good as new except paint; used only two months; \$1,200 car for, \$1,200.  
CHALMERS—1913; new tires and in good running condition. Bargain for \$1,200.  
DODGE—1915; touring; new tires and good all over; run only 3,500 miles; sell for \$350 cash, or on time, \$1,200.  
KING—Model "E"; 7-pass. touring car; used only as demonstrator for two months, \$1,435 car for, \$1,200.  
KING—Model "C" touring; in use only six months; \$1,050 car for, \$1,200.

The Henderson-Rowe Auto Co.,  
Main 2076-2077. 1012 14th St. N. W.

1917 Allen touring.  
1916 Auburn touring.  
1914 Haynes touring.  
1914 Maxwell touring.  
1914 Cadillac touring.  
1915 Oakland touring.  
1917 Cele "8" touring.  
1916 Studebaker touring, two tops.  
Full electric equipment, starting, lights, etc., on the majority. Terms if desired.

T. V. T. MOTORS CORP.,  
Connecticut Ave. at Dupont Circle.

STEARNS-KNIGHT, 1916—Roadster; four new tires, superb mechanical condition; cost \$1,450; now \$1,200.  
OVERLAND—late model roadster, good tires, new electrical equipment, \$1,200.  
INTERSTATE—5 passenger; overhauled and newly finished; cost \$2,500; now \$1,200.

CHEVROLET MOTOR COMPANY,  
OF NEW YORK, INC.,  
1218 Connecticut Avenue N. W.

CHEVROLET—6-pass.; fine shape; extra tire, \$1,200.  
CHEVROLET—Baby Grand; newly painted, \$1,200.  
CHEVROLET—Baby Grand; 1916; with starter, \$1,200.

D. B. GISH, INC.,  
1529 M St. N. W. North 331.

HUPMOBILE—22 touring; good condition, \$1,200.  
HAYNES—1916; demonstrator; refinished; guaranteed, \$1,200.  
HUPMOBILE—Model K, roadster; winter and summer top, \$1,200.  
WICHIGAN—Touring; electric light and self-starter; tires in good condition.

75 Used Automobiles of Standard

Makes, from \$100 to \$1,000.

AGENTS AUTO CO., INC.,  
224 14th St. N. W. Phone M. 596.

## HERALD AUTO DIRECTORY

## AUTO ACCESSORIES.

AUTOMOBILE TOPS & SLIP COVERS  
ACME AUTO TOP CO.,  
1421 Irving St. N. W.  
Columbia 5276.

AUTOMOBILE TOPS & TRIMMINGS—  
AMERICAN AUTO TOP & TRIMMING CO.,  
1608 14th st.  
North 2780.

AUTO SUPPLIES—  
NATIONAL ELECTRICAL SUPPLY CO.,  
1330 New York ave.  
Main 6800.

RUDOLPH & WEST—  
Everything for the Automobile Owner,  
1332 New York ave.  
Main 4870.

AUTO CUSHIONS—  
J. D. ROSS,  
Northwest corner Tenth and Eye sts.  
Main 6471-J.

STORAGE BATTERIES—  
W. J. COLBY,  
515-517 K st. N. W.  
Main 799.

LAMPS AND RADIATORS—  
GUARANTEE RADIATOR AND LAMP CO.,  
1414 14th st. N. W.  
North 285.

FENDERS—  
FRENCH RADIATOR AND TENDER CO.,  
1604 14th st. N. W.  
North 2075.

RADIATORS—  
WASHINGTON RADIATOR AND TENDER CO.,  
2017 14th st. N. W.  
North 961.

MUD GUARDS—  
METAL ART SHOP,  
1308 14th st. N. W.  
North 2303.

CARBURETERS—  
BARBER & ROSS,  
Eleventh and G sts. N. W.  
Phone Main 625.

AUTOMOBILE WHEELS—  
UNION GARAGE,  
6th and G sts. N. W.  
Main 8595.

TIRE SERVICE—  
RECORD AUTO SUPPLY CO.,  
631-635 Mass. ave.  
Main 23.

AUTOMOBILE BODIES—  
W. J. DEKOWSKI,  
12th and D sts. N. W.  
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BATTERIES—  
EXIDE BATTERIES,  
Delco Specialist,  
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1204 New Hampshire ave.  
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GARAGE BUILDERS—  
PEBBLE DASH GARAGES,  
R. E. WARD,  
1321 Eleventh st. N. W.  
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ZENITH CARBURETERS—FEDERAL  
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FEDERAL AUTO SUPPLY CO.,  
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Garfield Station, 1315 Fourteenth st.  
IRVIN T. DONOHUE, Phone N. 2746.

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"Everything for the car owner."  
1330 New York ave.  
Phone Main 6800.

UNION GARAGE—  
Supplies—day or night.  
G at between Sixth and Seventh.

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Main 6830.

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728 15th st.  
Main 6830.

BOSS & PHELPS—  
714 14th st.  
Main 840.

MARYLAND CASUALTY CO.—  
610-16 Metropolitan Bank Bldg.  
Main 3292.

GEO. A. BARCOX—  
207 District National Bank.  
Main 6508.

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UNION GARAGE—  
615-21 G st. N. W.  
Main 825.

A-B-C GARAGE—  
617-19 N. Y. ave.  
Main 276.

## GARAGES.

RIGGS GARAGE—  
1487 P st.  
North 630.

DUPONT GARAGE—  
2020 M st.  
North 5141.

SEATON GARAGE—  
45-51 Seaton place ne.  
North 1959.

MILBURN GARAGE—  
1323 H st. N. W.  
Main 5716.

EMERSON & ORME GARAGE—  
1620 M st. N. W.  
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GINT GARAGE—  
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NEW CENTRAL GARAGE—  
102-9 S st. N. W.  
Main 5961.

NEW SOUTHERN GARAGE—  
1320 D st. N. W.  
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ARCADIA GARAGE—  
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Columbia 50.

PAYLOCK GARAGE—  
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ELECTRIC CARS.

BAKER-BAUGH-LANG—  
BARTRAM ELECTRIC GARAGE,  
1204-8 N. H. ave. 2107-11 M st.  
Phone West 458-459.

WOODS DUAL POWER—  
EMERSON & ORME,  
1620 M st. N. W.  
North 3759.

MILBURN—  
MILBURN SALES CO.,  
1226 Conn. ave.  
North 2009.

GASOLINE CARS.

AUBURN-PATHFINDER—  
AUBURN AND PATHFINDER SALES CO.,  
1022 Conn. ave. Phone M. 6395.

EMERSON & ORME,  
1620 M st. N. W.  
Phone N. 8750.

CHEVROLET—"FOUR-NINETY"—  
CHEVROLET MOTOR CO.,  
1218 Conn. ave.  
Phone N. 2415.

CADILLAC—  
COOK & STODDARD,  
1138-40 Conn. ave.  
Phone North 7810.

CHALMERS-NATIONAL—  
COMBS MOTOR CO.,  
Eleventh ave. at H st.  
Main 8761.

CHANDLER—  
WARRINGTON MOTOR CAR CO.,  
1800 14th st.  
North 1332.

COLE—  
HENDERSON-ROWE AUTO CO.,  
1012 14th st.  
Main 2075.

ALLEN—  
HENDERSON-ROWE AUTO CO.,  
1012 14th st.  
Main 2075.

KINSEL-KAR—  
HENDERSON-ROWE AUTO CO.,  
1012 14th st.  
Main 2075.

FORD—  
FORD MOTOR CO.,  
Pa. ave. and John Marshall place.  
Main 8391.

FRANKLIN-LIBERTY—  
DAVID S. HENDRICK, INC.,  
1024 Conn. ave.  
Main 4092.

HAI—  
JENNINGS MOTOR SALES CORP.,  
1315 N. Y. ave.  
Main 2409.

HAYNES—  
"America's Greatest Light Six" Two models; three body styles. Haynes Motor Co., Inc. 1525 M st. Tel. N. 311.

APPELSON—  
JENNINGS MOTOR SALES CORP.,  
1315 N. Y. ave.  
Main 2409.

CROW—  
JENNINGS MOTOR SALES CORP.,  
1315 N. Y. ave.  
Main 2409.

STUTZ—  
JENNINGS MOTOR SALES CORP.,  
1315 N. Y. ave.  
Main 2409.

ELGIN—  
JENNINGS MOTOR SALES CORP.,  
1315 N. Y. ave.  
Main 2409.

DODGE—  
MILLER BROS.,  
1405 H st.  
Main 6097.

MITCHELL—  
HARRY F. SEAMARK,  
Southeast corner 6th and G sts.  
Main 2952.

BRISCOE—  
MILLER BROS.,  
1405 H st.  
Main 6097.

JACKSON—  
MILLER BROS.,  
1405 H st.  
Main 6097.

HUPMOBILE—  
D. B. GISH, INC.,  
1529 M st.  
North 331.